

ABSTRACT OF THE DISCLOSURE

A method and an arrangement are disclosed for implementing fast signalling in a communication connection between a base station and a mobile station of a cellular radio network. There is defined an arrangement of repeatedly occurring frames that consist of pieces of allocatable radio communication capacity between the base station and mobile stations communicating therewith. Pieces of radio communication capacity are allocated from the arrangement of repeatedly occurring frames to dedicated communication channels. A certain piece of radio communication capacity is allocated from the arrangement of repeatedly occurring frames to a non-dedicated fast signalling channel between the mobile stations and the base station. This piece of radio communication capacity allocated to a non-dedicated fast signalling channel is used for conveying fast signalling messages between at least one mobile station and the base station.

Fig. 2